

Appl. No. 09/722,105

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I. AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1) (Cancelled)
- 2) (Currently amended) A connection controller for setting up a media path to allow a user at one terminal to receive audio information from an audio source, said connection controller comprising:
 - a) an input for receiving signaling information indicative of a type of audio information desired by a user residing at a known terminal as defined in claim 1, wherein the known terminal resides in either one of a packet-switched network domain and a circuit-switched network domain;
 - b) a directory of audio sources;
 - c) a processing unit responsive to the signaling information to:
 - i) search the directory of audio sources to select an audio source suitable to provide the audio information desired by the user, said processing unit utilizing information indicative of the domain in which the known terminal resides in selecting the audio source suitable to provide the audio information desired by the user;
 - ii) based on the searching generate control signals suitable for use in establishing a media path between the selected audio source and the known terminal;
 - d) an output to release the control signals.

- 3) (Currently amended) A connection controller ~~as defined in claim 2~~ for setting up a media path to allow a user at one terminal to receive audio information from an audio source, said connection controller comprising:
- a) an input for receiving signaling information indicative of a type of audio information desired by a user residing at a known terminal, wherein the known terminal resides in either one of a packet-switched network domain and a circuit-switched network domain;
 - b) a directory of audio sources;
 - c) a processing unit responsive to the signaling information to:
 - i) search the directory of audio sources to select an audio source suitable to provide the audio information desired by the user, said processing unit utilizing information indicative of the domain in which the known terminal resides in selecting the audio source suitable to provide the audio information desired by the user, wherein when the directory of audio sources indicates two or more audio sources suitable to provide the audio information desired by the user and residing in different network domains, said processing unit is operative to select the audio source residing in the same network domain as the known terminal;
 - ii) based on the searching generate control signals suitable for use in establishing a media path between the selected audio source and the known terminal;
 - d) an output to release the control signals.
- 4) (Currently amended) A connection controller as defined in claim 3 ~~claim 1~~, wherein the audio information is a tone.
- 5) (Currently amended) A connection controller as defined in claim 3 ~~claim 1~~, wherein the audio information is a music-on-hold.
- 6) (Currently amended) A connection controller as defined in claim 3 ~~claim 1~~, wherein the audio information is a recorded announcement.

- 7) (Currently amended) A connection controller as defined in claim 3 ~~claim 1~~, wherein the audio information is a live broadcast.
- 8) (Cancelled)
- 9) (Currently amended) A computer readable storage medium including a program element for execution by a computing device to implement a connection controller for setting up a media path to allow a user at one terminal to receive audio information from an audio source, said connection controller comprising: as defined in claim 8,
- a) an input for receiving signaling information indicative of a type of audio information desired by a user residing at a known terminal, wherein the known terminal resides in either one of a packet-switched network domain and a circuit-switched network domain;
 - b) a directory of audio sources;
 - c) a processing unit responsive to the signaling information to:
 - i) search the directory of audio sources to select an audio source suitable to provide the audio information desired by the user, said processing unit utilizing information indicative of the domain in which the known terminal resides in selecting the audio source suitable to provide the audio information desired by the user;
 - ii) based on the searching generate control signals suitable for use in establishing a media path between the selected audio source and the known terminal.
- 10) (Currently amended) A computer readable storage medium ~~as defined in claim 9,~~ including a program element for execution by a computing device to implement a connection controller for setting up a media path to allow a user at one terminal to receive audio information from an audio source, said connection controller comprising:

- a) an input for receiving signaling information indicative of a type of audio information desired by a user residing at a known terminal, wherein the known terminal resides in either one of a packet-switched network domain and a circuit-switched network domain;
- b) a directory of audio sources;
- c) a processing unit responsive to the signaling information to:
 - i) search the directory of audio sources to select an audio source suitable to provide the audio information desired by the user, said processing unit utilizing information indicative of the domain in which the known terminal resides in selecting the audio source suitable to provide the audio information desired by the user, wherein when the directory of audio sources indicates two or more audio sources suitable to provide the audio information desired by the user and residing in different network domains, said processing unit is operative to select the audio source residing in the same network domain as the known terminal;
 - ii) based on the searching, generate control signals suitable for use in establishing a media path between the selected audio source and the known terminal.

11)(Currently amended) A PBX comprising a connection controller as defined in claim 3~~claim 1~~.

12)(Currently amended) A connection controller for setting up a media path to allow a user at one terminal to receive audio information from an audio source, said connection controller comprising:

- a) input means for receiving signaling information indicative of a type of audio information desired by a user residing at a known terminal, wherein the known terminal resides in either one of a packet-switched network domain and a circuit-switched network domain;
- b) directory means of audio sources means;
- c) processing means responsive to the signaling information to:

i) search the directory means to select an audio source means suitable to provide the audio information desired by the user, said processing means utilizing information indicative of the domain in which the known terminal resides in selecting the audio source means suitable to provide the audio information desired by the user, wherein when the directory means includes two or more audio sources means suitable to provide the audio information desired by the user and residing in different network domains, said processing means is operative to select the audio source means residing in the same network domain as the known terminal;

ii) based on the searching generate control signals suitable for use in establishing a media path between the selected audio source means and the known terminal.

d) output means to release the control signals.

13) (Cancelled)

14) (Currently amended) A method ~~as defined in claim 13,~~ for facilitating the delivery of audio information from an audio source to a user residing at a known terminal, comprising:

a) receiving signaling information indicative of a type of audio information desired by a user residing at the known terminal, wherein the known terminal resides in either one of a packet-switched network domain and a circuit-switched network domain;

b) searching a directory of audio sources to select an audio source suitable to provide the audio information desired by the user, wherein said searching comprises the method comprising utilizing information indicative of the domain in which the known terminal resides in selecting the audio source suitable to provide the audio information desired by the user;

c) based on the searching generate control signals suitable for use in establishing a media path between the selected audio source and the known terminal; and

- d) releasing the control signals to one or more components operative to establish the media path between the selected audio source and the known terminal.

15) (Currently amended) A method ~~as defined in claim 14~~, for facilitating the delivery of audio information from an audio source to a user residing at a known terminal, comprising:

- a) receiving signaling information indicative of a type of audio information desired by a user residing at the known terminal, wherein the known terminal resides in either one of a packet-switched network domain and a circuit-switched network domain;
- b) searching a directory of audio sources to select an audio source suitable to provide the audio information desired by the user, wherein said searching comprises utilizing information indicative of the domain in which the known terminal resides in selecting the audio source suitable to provide the audio information desired by the user, wherein when the directory of audio sources indicates two or more audio sources suitable to provide the audio information desired by the user and residing in different network domains, selecting the audio source residing in the same network domain as the known terminal;
- c) based on the searching generate control signals suitable for use in establishing a media path between the selected audio source and the known terminal; and
- d) releasing the control signals to one or more components operative to establish the media path between the selected audio source and the known terminal.